

1 **WHAT IS CLAIMED IS:**

- 2 1. A heat induction workstation comprising:
 - 3 a base;
 - 4 a housing with a front, a top, a bottom, two sides and an inner space and
 - 5 mounted on the base and having an opening defined in the front, and two baffles
 - 6 formed in the housing to divide the inner space in the housing into a central
 - 7 chamber communicated with the opening, a first side chamber and a second side
 - 8 chamber;
 - 9 a working station assembly mounted in the central chamber in the
 - 10 housing and comprising at least one induction heating device mounted in the
 - 11 central chamber;
 - 12 an electrical power supplier mounted in the first side chamber and
 - 13 electrically connected to the at least one induction heating device to provide
 - 14 electrical power to the at least one induction heating device; and
 - 15 a cooling device mounted in the second side chamber and connected to
 - 16 the electrical power supplier to reduce temperature of the electrical power
 - 17 supplier while the electrical power supplier is in operation.
- 18 2. The heat induction workstation as claimed in claim 1 further
- 19 comprising at least one front door slidably attached to the front of the housing to
- 20 close the opening.
- 21 3. The heat induction workstation as claimed in claim 2 further
- 22 comprising two rails respectively mounted on the top and the front of the
- 23 housing for the at least one door being slidably mounted between the rails.
- 24 4. The heat induction workstation as claimed in claim 1, wherein the

1 each respective side of the housing has a side opening defined in the side; and
2 a side door is pivotally attached to each respective side of the housing to
3 close the corresponding one of the side openings.

4 5. The heat induction workstation as claimed in claim 1 further
5 comprising a control panel attached to the housing and electrically connected to
6 the at least one induction heating device, the cooling device and the electrical
7 power supplier.

8 6. The heat induction workstation as claimed in claim 1 further
9 comprising a cooling pool mounted in the central chamber of the housing and
10 corresponding to each at least one induction heating device.